STATIO FIDA BENE CARINI

THE

CORK ALMANACK,

For the YEAR 1772.

Being Bissextile or LEAP YEAR and Twelfth Year of King GEORGE IIId's REIGN, till the 25th of OCTOBER next.

CONTAINING

The Calendar and Moveable Feasts, adapted to the new Style; the Eclipses of the two Ruling Luminaries; and of the first Satellite of Jupiter; Sols Quarterly Ingress; Sun's Declination and Rising; Day break, New and Full Moons, &c. High Water at the Custom House Cork; Monthly Observations; Terms held in Dublin; together with a Chronological Table of Memorable events; the Nature Fairs of this Kingdom; Mathematical Questions, Enigmas, &c. calculated for the Meridian of Cork, whose Pole is elevated to 51° 49' in the Longitude of 9° 30' West of London.

By TIMOTHY DELANY, Teacher of the Mathematics, and Master of the Library School, at St. FINN BARRY'S, Cork.

CORK: Printed and sold by W[illegible] at the Shakespear near the Exchange, and by T[illegible] near the Exchange; by R. Fitzsimons Bookseller in High Street; [illegible] Long, and J. Ferar, Booksellers, in Limerick; [illegible] in Waterford; E. Finn, Kilkenny; and T. Colles in Clonmell.

TO THE PUBLIC.

As the Readers of this Almanack will probably expect something by Way of Preface, it is neceſſary to ſay I do not mean to enter into an Aſtronomical War with any of my Predeceſſors, neither do I intend to depreciate their merit or to exaggerate my own, well knowing that few Almanacks will bear too nice a Scrutiny, and the frequent Blunders of the Preſs will be charged to the Account of the Author, though the Copy he gives is free from any material Error.

The Calculation of this Almanack was not from any lucrative View, but merely the Amuſement of many leiſure Hours, and to ſupport the Credit of this great and trading City in an Undertaking diſcountenanced by a very ingenious Mathematician.

If the Critics ſhould ſnarl or carp at this juvenile Attempt, I am determined to indulge them in their Spleen and treat them with Contempt, never intending to anſwer a ſingle Word on that Head. Should the Learned be ſo kind as to favour me with any uſeful Hints, they ſhall be moſt gratefully attended to, and received with the utmoſt Gratitude, never thinking myſelf above their Correction.

I have little to ſay in Recommendation of this ſmall Performance, the Reader will know beſt how to judge, whether it has any Merit: This much I ſhall aſſert, that the Calculations have been the Reſult of much Study, and I hope will be found exact, though the Multiplicity of Figures and continual Series of different Numbers render ſuch a Work much more difficult than Perſons in general are aware of, and though it is poſſible that this Work may be correct, yet it may naturally be expected that trifling Errors of ſome Sort ſhould appear, however diligent one Perſon may be to correct the Preſs.

Whether it has Imperfections or Merit I uſher it to the Public View, truſting to the Candour of well-natured Critics, one of which, in my Eſtimation, outweigh a Number on the contrary.

BANKERS of CORK.

Meſſrs. Falkiner, Leſlie and Kellet, oppoſite the Cuſtom-Houſe.

Meſſrs. Rogers and Sheares, Hammond's Marſh

Meſſrs. Warren, Hull, Jefferyes and Cuthbert, Paul-ſtreet.

Their hours from 10 to 2. Their Holy Days. Jan. 1. Good Friday, Eaſter Monday and Tueſday, Whitſun Monday and Tueſday, December 25, 26, 27, and 28.

TERMS in IRELAND.

	Begins	Sits	Ends
Hilary Term	Mon. Jan. 20	Thu. Jan. 23	Wed. Feb. 12
Eaſter Term	Mon. May 4	Wed. May 6	Mon. June 1
Trinity Term	Mon. June 15	Fri. June 19	Wed. July 8
Michaelmas Term	Mon. Nov. 2	Fri. Nov. 6	Sat. Nov. 28

RETURN of the TERMS.

Hilary Term hath 4 returns.
- Eight days after Hilary, Jan. 20.
- Fifteen days after Hilary, Jan. 27.
- Day after Purification, Feb. 3.
- Eight days after Purification, Feb. 10.

Eaſter Term hath 5 returns.
- Monday fortnight after Eaſter, May 4.
- Three weeks after Eaſter, May 11.
- Four weeks after Eaſter, May 18.
- Five weeks after Eaſter, May 25.
- Day after Aſcenſion Day, May 29.

Trinity Term hath 4 returns.
- Monday after Trinity Sunday, June 15.
- Monday week after Trinity Sunday, June 22.
- Monday fortnight after Trinity Sunday, June 29.
- Monday 3 weeks after Trinity Sunday, July 6.

Michaelmas Term hath 4 returns.
- Day after All Souls, Nov. 3.
- Day after St. Martin, Nov. 12.
- Eight days after St. Martin, Nov. 12.
- Fifteen days after St. Martin, Nov. 26.

In the Year 1772 there will happen Four ECLIPSES, two of each Luminary.

FIRST of the Moon, April 17th about 2 o'clock in the evening, and about 20 digits eclipſed, but inviſible here.

Second of the Sun, September 26th, in the evening, but inviſible here; it will only be viſible between the antartic circle and pole.

Third of the Moon, total and partly viſible, on the 11th of October, in the evening.

	h.	m.
Beginning of the Eclipſe	2	50
Begin. of total darkneſs	4	1
Middle	4	54
End of total darkneſs	6	45
End of the Eclipſe	6	50

Digits eclipſed 19°

Fourth of the Sun, October 26th, viſible in the morning

	h.	m.
Beginning	7	51
Greateſt obſcuration	8	0
End	8	6

And about the 10th part of a digit eclipſed.

The

The VISIBLE ECLIPSES of the first Satellite of JUPITER in Ireland, for 1772.

	Immersions. D. H. M.			Emersions. D. H. M.		
April	9	4	0 mor.	19	11	38 eve.
May	18	2	21 mor.	27	1	35 mor.
June	10	2	27 mor.	28	8	3 eve.
	26	0	39 mor.	September 4	10	0 eve.
July	3	2	31 mor.	11	11	58 eve.
	11	10	52 eve.	19	1	55 mor.
	19	0	46 mor.	20	8	25 eve.
	26	2	39 mor.	27	10	32 eve.
	27	9	8 eve.	October 6	6	50 eve.
August	3	11	2 eve.	13	8	47 eve.
	11	0	57 mor.	20	10	44 eve.
	18	2	53 mor.	22	5	13 eve.
				29	7	9 eve.
				November 5	9	30 eve.
				14	5	29 eve.
				21	7	23 eve.
				December 7	5	31 eve.
				14	7	31 eve.
				23	3	52 eve.
				30	5	44 eve.

The Satellites are not visible in January and February, because Jupiter is too near the Sun.

The immersions denote the instant of the disappearance of the Satellite by entering into the shadow of Jupiter; and the emersions denote the appearance at the coming out of the same, they generally happen when the Satellite is at some distance from the body of Jupiter. By a good astronomical telescope the immersions only of the first Satellite are visible before the opposition of the Sun and Jupiter, and the emersions only are visible after the opposition.

VULGAR NOTES and MOVEABLE FEASTS for 1772.

GOLDEN Number	6	Good Friday April	17
Epact	25	Easter Sunday April	19
Dominical Letters	E D	Rogation Sunday May	24
Septuagesima February	16	Ascension Day May	28
Sexagesima February	23	Whitsunday June	7
Quinquagesima March	1	Trinity Sunday June	14
Ash Wednesday March	4	Corpus Christi June	18
Palm Sunday April	12	Advent Sunday November	29

A Table of Purchase, carefully corrected

Ys. to be pur.	5 per Cent			6 per Cent			7 per Cent			8 per Cent			9 per Cent			10 per Ct.		
	Y.	M.	D.	Y.	M	D	Y.	M	D.	Y.	M	D	Y.	M.	D	Y.	M.	D.
1	0	11	12	0	11	9	0	11	6	0	11	3	0	11	0	0	10	27
2	1	10	9	1	10	0	1	9	20	1	9	11	1	9	3	1	8	24
3	2	8	20	2	8	2	2	7	14	2	6	27	2	6	11	2	5	25
4	3	6	16	3	5	17	3	4	19	3	3	22	3	2	26	3	2	1
5	4	3	28	4	2	16	4	1	6	3	11	27	3	10	20	3	9	14
6	5	0	27	4	11	0	4	9	5	4	7	14	4	5	24	4	4	7
7	5	9	13	5	6	29	5	4	20	5	2	14	5	0	11	4	10	12
8	6	5	16	6	2	15	5	11	19	5	8	28	5	6	12	5	4	0
9	7	1	8	6	9	18	6	6	5	6	2	28	5	11	28	5	9	3
10	7	8	19	7	4	9	7	0	8	6	8	15	6	5	0	6	1	22
11	8	3	20	7	10	19	7	5	29	7	1	20	6	9	19	6	5	28
12	8	10	19	8	4	18	7	11	9	7	6	12	7	1	27	6	9	22
13	9	4	21	8	10	6	8	4	8	7	10	25	7	5	25	7	1	7
14	9	10	23	9	3	16	8	8	28	8	2	27	7	9	13	7	4	12
15	10	4	16	9	8	16	9	1	8	8	6	21	8	0	21	7	7	8
16	10	10	1	10	1	8	9	5	10	8	10	6	8	3	22	7	9	28
17	11	3	8	10	5	21	9	9	4	9	1	13	8	6	15	8	0	7
18	11	8	8	10	9	27	10	0	21	9	4	13	8	9	2	8	2	12
19	12	1	0	11	1	26	10	4	0	9	7	7	8	11	12	8	4	12
20	12	5	16	11	5	19	10	7	3	9	9	24	9	1	16	8	6	4
21	12	9	25	11	9	5	10	10	0	10	0	6	9	3	15	8	7	23
22	13	1	28	12	0	14	11	0	22	10	2	12	9	5	9	8	9	7
23	13	5	25	12	3	19	11	3	7	10	4	13	9	6	28	8	10	17
24	13	9	17	12	6	18	11	5	18	10	6	10	9	8	14	8	11	24
25	14	1	3	12	9	12	11	7	25	10	8	2	9	9	26	9	0	27
26	14	4	15	13	0	1	11	9	27	10	9	21	9	11	4	9	1	27
27	14	7	21	13	2	15	11	11	28	10	11	6	10	0	9	9	2	25
28	14	10	23	13	4	26	12	1	19	11	0	18	0	1	11	9	3	20
29	15	1	20	13	7	2	12	3	9	11	1	27	10	2	11	9	4	13
30	15	4	14	13	9	5	12	4	27	11	3	2	10	3	8	9	5	3
31	15	7	3	13	11	4	12	0	11	11	4	5	10	4	3	9	5	22
40	17	1	27	15	0	16	13	3	29	11	11	2	10	9	2	9	9	10
61	18	11	22	16	2	8	14	0	19	12	4	18	11	0	19	9	11	19
90	19	10	2	16	7	11	14	3	6	12	5	27	11	1	9	9	11	29
FS	20	0	0	16	8	0	14	3	12	12	6	0	11	1	10	10	0	0

The Purchase found by Inspection, But to renew, suppose a Lease of 21 Years at 9 per Ct. whereof 7 Years are lapsed. Y. M D.
From Value of the Lease, or of 21 Years at 9 per Ct. viz. 9 3 15
Subtract the Value of the unexpired, or of 14 Years, viz. 7 9 13

Remains Value of Renewal, or Rent to be paid in hand of 1 6 2

Table of COIN, as reduced, 8 July, 1751.

	Guinea, at	Port. Piece.	Port Piece	Port Piece	Port Piece
No	1*l.* 2*s.* 9*d.*	18 *pw* 10½ *gr.*	9 *pw* 5¼ *gr.*	4 *pw* 14½ *gr.*	2 *pw* 7¼ *gr.*
	l. s. d.	*l. s. d.*	*l. s. d.*	*l. s. d.*	*l. s. d.*
1	1 2 9	3 17 8	1 18 10	0 19 6	0 9 10
2	2 5 6	7 15 4	3 17 8	1 19 0	0 19 8
3	3 8 3	11 13 0	5 16 6	2 18 6	1 9 6
4	4 11 0	15 10 8	7 15 4	3 18 0	1 19 4
5	5 13 9	19 8 4	9 14 2	4 17 6	2 9 2
6	6 16 6	23 6 0	11 13 0	5 17 0	2 19 0
7	7 19 3	27 3 8	13 11 10	6 16 6	3 8 10
8	9 2 0	31 1 4	15 10 8	7 16 0	3 18 8
9	10 4 9	34 19 0	17 9 6	8 15 6	4 8 6
10	11 7 6	38 16 8	19 8 4	9 15 0	4 18 4
11	12 10 3	42 14 4	21 7 2	10 14 6	5 8 2
12	13 13 0	46 12 0	23 6 0	11 14 0	5 18 0
13	14 15 9	50 9 8	25 4 10	12 13 6	6 7 10
14	15 18 6	54 7 4	27 3 8	13 13 0	6 17 8
15	17 1 3	58 5 0	29 2 6	14 12 6	7 7 6
16	18 4 0	62 2 8	31 1 4	15 12 0	7 17 4
17	19 6 9	66 0 4	33 0 2	16 11 6	8 7 2
18	20 9 6	69 18 0	34 19 0	17 11 0	8 17 0
19	21 12 3	73 15 8	36 17 10	18 10 6	9 6 10
20	22 15 0	77 13 4	38 16 8	19 10 0	9 16 8
21	23 17 9	81 11 0	40 15 6	20 9 6	10 6 6
22	25 0 6	85 8 8	42 14 4	21 9 0	10 16 4
23	26 3 3	89 6 4	44 13 2	22 8 6	11 6 2
24	27 6 0	93 4 0	46 12 0	23 8 0	11 16 0
25	28 8 9	97 1 8	48 10 10	24 7 6	12 5 10
26	29 11 6	100 19 4	50 9 8	25 7 0	12 15 8
27	30 14 3	104 17 0	52 8 6	26 6 6	13 5 6
28	31 17 0	108 14 8	54 7 4	27 6 0	13 15 4
29	32 19 9	112 12 4	56 6 2	28 5 6	14 5 2
30	34 2 6	116 10 0	58 5 0	29 5 0	14 15 0
40	45 10 0	155 6 8	77 13 4	39 0 0	19 13 4
50	56 17 6	194 3 4	97 1 8	48 15 0	24 11 8
100	113 15 0	388 6 8	194 3 4	97 10 0	49 3 4

Portugal Piece, 1 *pw.* 3½ *gr.* at 4*s.* 11*d.* Two are 9*s.* 10*d.*
French Double Piſtole, 8 *pw.* 16 *gr.* at 1*l.* 16*s.* 6*d.*
French Quarter Piſtole, 1 *pw.* 2*gr.* at 4*s.* 7*d.*

Table of COIN continued: With the Weights for Gold

No.	Fr. Piſtole 4 *prw* 8 *gr.*			F. Half Piſt. 2 *prw.* 4 *gr.*			Moydore. 6 *prw.* 22 *gr.*			Half Moyd. 3 *prw* 11 *gr.*			Silver Crown		
	l.	*s.*	*d.*	*l.*	*s.*	*d.*	*l.*	*s.*	*d.*	*l.*	*s.*	*d.*	*l.*	*s.*	*d.*
1	0	18	3	0	9	2	1	9	3	0	14	8	0	5	05
2	1	16	6	0	18	4	2	18	6	1	9	4	0	10	10
3	2	14	9	1	7	6	4	7	9	2	4	0	0	16	3
4	3	13	0	1	16	8	5	17	0	2	18	8	1	1	8
5	4	11	3	2	5	10	7	6	3	3	13	4	1	7	1
6	5	9	6	2	15	0	8	15	6	4	8	0	1	12	6
7	6	7	9	3	4	2	10	4	9	5	2	8	1	17	1
8	7	6	0	3	13	4	11	14	0	5	17	4	2	3	4
9	8	4	3	4	2	6	13	3	3	6	12	0	2	8	9
10	9	2	6	4	11	8	14	12	6	7	6	8	2	14	2
11	10	0	9	5	0	10	16	1	9	8	1	4	2	19	7
12	10	19	0	5	10	0	17	11	0	8	16	0	3	5	0
13	11	17	3	5	19	2	19	0	3	9	10	8	3	10	5
14	12	15	6	6	8	4	20	9	6	10	5	4	3	15	10
15	13	13	9	6	17	6	21	18	9	11	0	0	4	1	3
16	14	12	0	7	6	8	23	8	0	11	14	8	4	6	8
17	15	10	3	7	15	10	24	17	3	12	9	4	4	12	1
18	16	8	6	8	5	0	26	6	6	13	4	0	4	17	6
19	17	6	9	8	14	2	27	15	9	13	18	8	5	2	11
20	18	5	0	9	3	4	29	5	0	14	13	4	5	8	4
21	19	3	3	9	12	6	30	14	3	15	8	0	5	13	9
22	20	1	6	10	1	8	32	3	6	16	2	8	5	19	2
23	20	19	9	10	10	10	33	12	9	16	17	4	6	4	7
24	21	18	0	11	0	0	35	2	0	17	12	0	6	10	0
25	22	16	3	11	9	2	36	11	3	18	6	8	6	15	5
26	23	14	6	11	18	4	38	0	6	19	1	4	7	0	10
27	24	12	9	12	7	6	39	9	9	19	16	0	7	6	3
28	25	11	0	12	16	8	40	19	0	20	10	8	7	11	8
29	26	9	3	13	5	10	42	8	3	21	5	4	7	17	1
30	27	7	6	13	15	0	43	17	6	22	0	0	8	2	6
40	36	10	0	18	6	8	58	10	0	29	6	8	10	16	8
50	45	12	6	22	18	4	73	2	6	36	13	4	13	10	10
100	91	5	0	45	16	8	146	5	0	73	6	8	27	1	8

Quarter Moydore, 1 *prw* 17 2/8 *gr.* at 7*s.* 4*l.*

New French Louis d'Or 5 *prw.* 5 *gr.* at 1*l.* 2*s.*

Half dit. 2 *prw.* 14 1/2 *gr.* at 11*s.* Quart. dit. 1 *prw.* 7 1/4 *gr.* at 5*s.* 6*d*

Irish Platation Measure turned to English Statute Measure.

Irish Acr.	English. Ac	R	P	(121 pts	Ir. P	English. R	P	(121 pts
900	1457	3	16	24	6	0	9	87
800	1295	3	18	102	7	0	11	41
700	1133	3	21	59	8	0	12	116
600	971	3	24	16	9	0	14	70
500	809	3	26	94	10	0	16	24
400	647	3	29	51	11	0	17	99
300	485	3	32	8	12	0	19	53
200	323	3	34	86	13	0	21	7
100	161	3	37	43	14	0	22	82
90	145	3	5	75	15	0	24	36
80	129	2	13	107	16	0	25	111
70	113	1	22	18	17	0	27	65
60	97	0	30	50	18	0	29	19
50	80	3	38	82	19	0	30	94
40	64	3	6	114	20	0	32	48
30	48	2	15	25	21	0	34	2
20	32	1	23	57	22	0	35	77
10	16	0	31	89	23	0	37	31
9	14	2	12	68	24	0	38	106
8	12	3	33	47	25	1	0	60
7	11	1	14	26	26	1	2	14
6	9	2	35	5	27	1	3	89
5	8	0	15	105	28	1	5	43
4	6	1	36	84	29	1	6	118
3	4	3	17	63	30	1	8	72
2	3	0	38	42	31	1	10	26
1	1	2	19	21	32	1	11	101
R. 1	0	1	24	0	33	1	13	55
2	0	3	9	71	34	1	15	9
3	1	0	34	40	35	1	16	84
P. 1	0	0	1	75	36	1	18	38
2	0	0	3	29	37	1	19	113
3	0	0	4	104	38	1	21	67
4	0	0	6	58	39	1	23	21
5	0	0	8	12				

English Statute Measure turned to Irish Plantation Measure.

Eng. Acr.	Irish. Ac.	R	P	(196 pts	En. I.	Irish. P	(196 pts
900	555	2	17	188	6	3	138
800	493	3	20	80	7	4	63
700	432	0	22	168	8	4	184
600	370	1	25	60	9	5	109
500	308	2	27	148	10	6	34
400	246	3	30	40	11	6	155
300	185	0	32	128	12	7	80
200	123	1	35	20	13	8	5
100	61	2	37	108	14	8	126
90	55	2	9	156	15	9	51
80	49	1	22	8	16	9	172
70	43	0	34	56	17	10	97
60	37	0	6	104	18	11	22
50	30	3	18	152	19	11	143
40	24	2	31	4	20	12	68
30	18	2	3	52	21	12	189
20	12	1	15	100	22	13	114
10	6	0	27	148	23	14	39
9	5	2	8	192	24	14	166
8	4	3	30	40	25	15	85
7	4	1	11	84	26	16	10
6	3	2	32	128	27	16	131
5	3	0	13	172	28	17	56
4	2	1	35	20	29	17	177
3	1	3	16	64	30	18	102
2	1	0	37	108	31	19	27
1	0	2	18	152	32	19	148
R. 1	0	0	24	136	33	20	73
2	0	1	9	76	34	20	194
3	0	1	34	16	35	22	119
P. 1	0	0	0	121	36	22	44
2	0	0	1	46	37	22	165
3	0	0	1	167	38	23	90
4	0	0	2	92	39	24	15
5	0	0	3	17			

M. Days	W. Days
ve	1
ch	2
fri	3
at	4
E	5
mo	6
tu	7
we	8
th	9
fri	10
sat	11
E	12
mo	13
tu	14
we	15
th	16
fri	17
sat	18
E	19
mo	20
tu	21
we	22
th	23
fri	24
sat	25
E	26
mo	27
tu	28
we	29
th	30
fri	31

New M
First Q
Full M
Last Q

JANUARY hath XXXI. Days. 1772.

M. Days	W. Days	Holy Days, and State of the Weather.	Day break h. m.	D's Age d.	Sun's declination h. m.		Sun's rising h. m.	D's southing h. m.	High Water at Custom-House Morn. h. m.	After. h. m.
ve	1	Circumcision	5 59	26	23	S.	8 11	8 55	1 46	2 10
th	2		5 59	27	23		8 10	9 48	2 39	3 3
fri	3	*Moderate*	5 58	28	22	56	8 9	10 41	3 32	3 56
sat	4		5 58	D	22	50	8 8	11 33	4 24	4 48
E	5	*for a*	5 57	1	22	43	8 8	☾ 23	5 14	5 38
mo	6	Epiphany	5 56	2	22	37	8 7	1 11	6 2	6 26
tu	7	*few*	5 56	3	22	30	8 7	1 56	6 47	7 11
we	8	*days.*	5 55	4	22	22	8 6	2 40	7 31	7 55
th	9	*Very cold*	5 55	5	22	14	8 5	3 22	8 13	8 37
fri	10	*weather,*	5 54	6	22	5	8 4	4 4	8 55	9 19
sat	11	*snow or*	5 53	7	21	56	8 3	4 44	9 35	9 59
E	12	1 S. after Epi.	5 53	8	21	46	8 2	5 28	10 19	10 43
mo	13	Hilary	5 52	9	21	37	8 1	6 12	11 3	11 27
tu	14	*rain.*	5 51	10	21	27	7 59	6 58	11 49	
we	15		5 50	11	21	16	7 58	7 48	0 13	0 37
th	16	*Cold rain*	5 49	12	21	5	7 57	8 40	1 3	1 27
fri	17		5 48	13	20	55	7 56	9 35	1 55	1 19
sat	18	Queen's B. Day	5 47	14	20	42	7 54	10 32	2 50	3 14
E	19	2 S. after Epi.	5 46	15	20	29	7 53	11 30	3 47	4 11
mo	20	Term begins	5 45	●	20	17	7 52	M.	4 45	5 9
tu	21	*or snow.*	5 44	17	20	4	7 50	0 27	5 42	6 6
we	22		5 43	18	19	50	7 49	1 23	6 38	7 2
th	23	Term sits	5 41	19	19	36	7 47	2 18	7 33	7 57
fri	24		5 40	20	19	21	7 46	3 12	8 27	8 51
sat	25	Con. St. Paul	5 39	21	19	8	7 44	4 4	9 19	9 43
E	26	3 S. after Epi.	5 38	22	18	53	7 43	4 57	10 12	10 36
mo	27	*High winds*	5 37	23	18	38	7 41	5 49	11 4	11 28
tu	28	*and snow.*	5 35	24	18	22	7 39	6 42	11 57	
we	29		5 34	25	18	6	7 38	7 35	0 21	0 50
th	30	K. Cha. I. Mar.	5 34	26	17	50	7 36	8 28	1 19	1 43
fri	31		5 31	27	17	33	7 34	9 20	2 11	2 35

New Moon Saturday 4 11 42 aft.
First Quarter Sunday 12 12 0 night.
Full Moon Monday 20 10 54 morn.
Last Quarter Monday 27 1 27 morn.

Double the Sun's rising for the length of the night, and his setting for the day.

FEBRUARY hath XXIX. Days

W. Days	M. Days	Holy Days, and State of the Weather.	Day break h. m.	D's Age d.	Sun's declination h. m.	Sun's rising h. m.	D's fourthing h. m.	Ht. Wat. Cul House Morn h. m.	Ht. Wat. Cul House Aft h. m.	Ht. Wat. Cork Morn h. m.	Ht. Wat. Cork Aft h. m.
sat	1	Bridget	5 30	28	17 S.	7 33	10 11	3 2	3 26	9 32	9 56
E	2	4 S. after Epi.	5 29	29	16 59	7 31	10 58	3 49	4 13	10 19	10 43
mo	3	*Stormy*	5 27	D	16 42	7 29	11 45	4 36	5 0	11 6	11 30
tu	4	*weather,*	5 26	1	16 25	7 27	A. 29	5 20	5 44	11 50	———
we	5	Agatha	5 24	2	16 6	7 26	1 12	6 3	6 27	0 33	0 57
th	6		5 23	3	15 48	7 24	1 54	6 45	7 9	1 15	1 39
fri	7	*with snow*	5 21	4	15 30	7 22	2 36	7 27	7 51	1 57	2 21
sat	8	*or rain.*	5 20	5	15 11	7 20	3 18	8 9	8 33	2 39	3 3
E	9	5 S. after Epi.	5 18	6	14 51	7 18	4 2	8 53	9 17	3 23	3 47
mo	10		5 16	7	14 32	7 17	4 47	9 38	10 3	4 8	4 32
tu	11	*More moderate*	5 15	8	14 12	7 15	5 34	10 25	10 49	4 55	5 19
we	12	Term ends	5 13	9	13 52	7 13	6 24	11 15	11 39	5 45	6 9
th	13		5 12	10	13 32	7 11	7 16	———	0 2	6 35	6 59
fri	14	Valentine	5 10	11	13 12	7 9	8 11	0 31	0 55	7 30	7 54
sat	15	*for some*	5 8	12	12 52	7 7	9 8	1 26	1 50	8 25	8 49
E	16	Septuagesima	5 6	13	12 31	7 5	10 5	2 23	2 47	9 22	9 46
mo	17		5 5	14	12 10	7 3	11 3	3 20	3 44	10 19	10 43
tu	18	*days.*	5 3	●	11 48	7 1	M.	4 16	4 42	11 15	11 39
we	19		5 1	16	11 27	6 59	0 3	5 18	5 42	———	0 0
th	20	*Moderate,*	4 59	17	11 5	6 57	0 56	6 11	6 35	0 12	0 36
fri	21		4 58	18	10 44	6 55	1 51	7 6	7 30	1 7	1 31
sat	22	*and continues*	4 56	19	10 22	6 53	2 46	8 1	8 25	2 2	2 26
E	23	Sexagesima	4 54	20	10	6 51	3 41	8 56	9 20	2 57	3 21
mo	24	St. Matthias	4 52	21	9 38	6 50	4 36	9 51	10 15	3 52	4 16
tu	25		4 50	22	9 16	6 48	5 31	10 46	11 10	4 47	5 11
we	26	*So to the*	4 48	23	8 54	6 46	6 25	11 40	———	5 41	6 5
th	27		4 46	24	8 32	6 44	7 17	0 8	0 32	6 34	6 58
fri	28	*end.*	4 44	25	8 9	6 42	8 8	0 59	1 23	7 25	7 49
sat	29		4 42	26	7 46	6 40	8 57	1 49	2 12	8 16	8 40

	D.	H.	M.	
New Moon Monday	3	5	12	eve.
First quarter Tuesday	11	8	29	eve.
Full Moon Tuesday	18	9	40	eve.
Last quarter Tuesday	25	0	22	eve.

Subtract the time of day break from the Sun's rising for the duration of morning twilight, which is always equal to that of the evening.

W. Days	M. Days	Holy Days, and State of the Weather.	Day break h. m.	D's Age d.	Sun's declination h. m.	Sun's rising h. m.	D's southing h. m.	Hi. Wat. Cuſ. Houſe Cork. Morn. h. m.	After h. m.
D	1	Quinquageſima	4 40	27	7S. 23	6 38	9 45	2 36	3 0
mo	2	St. Chedde	4 38	28	7 1	6 35	10 29	3 20	3 44
tu	3	Shrove Tueſ.	4 36	29	6 38	6 33	11 13	4 4	4 28
we	4	AſhWed. *High*	4 34	☽	6 15	6 31	11 56	4 47	5 11
th	5	*winds,*	4 32	1	5 51	6 30	A. 38	5 29	5 53
fri	6	*and ſnow*	4 30	2	5 28	6 28	1 20	6 11	6 35
ſat	7	*or rain.*	4 28	3	5 4	6 25	2 3	6 54	7 18
D	8	1 S. in Lent	4 26	4	4 41	6 24	2 48	7 39	8 3
mo	9		4 24	5	4 18	6 22	3 34	8 25	8 49
tu	10	*More*	4 22	6	3 55	6 19	4 22	9 13	9 37
we	11	*temperate.*	4 20	7	3 31	6 17	5 12	10 3	10 27
th	12	Gregory	4 17	8	3 7	6 15	6 5	10 56	11 20
fri	13		4 15	9	2 44	6 13	6 59	11 44	——
ſat	14	*Cold rain,*	4 13	10	2 20	6 11	7 55	0 14	0 38
D	15	2 S. in Lent.	4 11	11	1 56	6 9	8 51	1 10	1 34
mo	16	*perhaps*	4 9	12	1 33	6 7	9 47	2 6	2 30
tu	17	St. Patrick	4 6	13	1 9	6 5	10 43	3 2	3 27
we	18	*ſnow.*	4 4	14	0 43	6 3	11 39	3 58	4 22
th	19	St. Joſeph	4 2	●	0 22	6 1	M.	4 54	5 18
fri	20	Eq. Day & Ni.	3 59	16	0 N. 2	5 59	0 36	5 51	6 15
ſat	21	*Moderate*	3 57	17	0 26	5 57	1 33	6 48	7 12
D	22	3 S in Lent	3 55	18	0 49	5 55	2 30	7 45	8 9
mo	23	*weather*	3 52	19	1 13	5 53	3 27	8 42	9 6
tu	24	*for ſundry*	3 50	20	1 37	5 51	4 24	9 39	10 3
we	25	Lady Day	3 47	21	2 3	5 49	5 18	10 33	10 57
th	26	*days.*	3 45	22	2 24	5 47	6 11	11 36	11 50
fri	27		3 43	23	2 47	5 45	7 1	——	0 16
ſat	28	*Now expect*	3 40	24	3 10	5 43	7 49	0 40	1 4
D	29	4 S. in Lent	3 38	25	3 34	5 41	8 35	1 26	1 50
mo	30	*much*	3 35	26	3 57	5 39	9 19	2 10	2 34
tu	31	*rain.*	3 33	27	4 20	5 37	10 2	2 53	3 17

	D.	H.	M.	
New Moon Wed.	4	11	32	mor.
Firſt quar. Thurſ.	12	2	15	mor.
Full Moon Thurſ.	19	7	6	mor.
Laſt quar Thurſ.	26	1	16	mor.

The inhabitants of the Equator are carried along with the earth from Weſt to Eaſt 1042½ miles each hour, and conſequently thoſe of Cork 64452 miles the ſame time.

APRIL hath XXX. Days, 1772.

W. Days.	M. Days.	Holy Days and State of the Weather.	Day break h. m.	D's Age d.	Sun's declination h. m.	Sun's rising h. m.	D's southing h. m.	Hi. Wat. Cuſ. Houſe Cork. Morn. h. m.	After. h. m.
we	1	*Fine*	3 30	28	4N. 44	5 35	10 44	3 35	3 59
th	2	*pleaſant*	3 27	29	5 7	5 33	11 27	4 18	4 4
fri	3	*weather.*	3 25	☽	5 30	5 31	A. 9	5 0	5 2
ſat	4		3 22	1	5 52	5 30	9 54	5 45	6 [illegible]
D	5	S. in Lent	3 20	2	6 17	5 28	1 40	6 31	6 5[illegible]
mo	6		3 17	3	6 38	5 26	2 27	7 18	7 42
tu	7		3 14	4	7 1	5 24	3 16	8 7	8 3
we	8	*High winds*	3 11	5	7 23	5 22	4 8	8 59	9 2
th	9	*and rain.*	3 9	6	7 45	5 20	5 1	9 52	10 1[illegible]
fri	10		3 6	7	8 7	5 18	5 54	10 45	11 [illegible]
ſat	11		3 3	8	8 29	5 16	6 48	11 34	— —
D	12	Palm Sunday	3 0	9	8 51	5 14	7 42	0 3	0 28
mo	13		2 58	10	9 13	5 12	8 36	0 57	1 21
tu	14	*Moderate*	2 55	11	9 35	5 10	9 30	1 51	2 15
we	15	*for many*	2 52	12	9 56	5 8	10 24	2 45	3 [illegible]
th	16	*days.*	2 49	13	10 17	5 6	11 22	3 43	4 4
fri	17	Good Friday	2 46	☉	10 38	5 4	M.	4 37	5 1
ſat	18		2 43	15	10 59	5 2	0 19	5 34	5 58
D	19	Eaſter Sunday	2 40	16	11 20	5 1	1 17	6 32	6 56
mo	20	Eaſter Monday	2 37	17	11 41	4 59	2 15	7 30	7 54
tu	21	Eaſter Tueſ.	2 34	18	12 1	4 57	3 13	8 28	8 52
we	22	*Cold rain*	2 31	19	12 21	4 55	4 8	9 23	9 48
th	23	St. George	2 27	20	12 41	4 53	5 1	10 16	10 40
fri	24	*for a*	2 23	21	13 1	4 51	5 50	11 5	11 30
ſat	25	St. Mark	2 20	22	13 20	4 49	6 38	11 53	— —
D	26	Low Sunday	2 17	23	13 40	4 48	7 23	0 16	0 38
mo	27	*few days,*	2 13	24	13 59	4 46	8 7	0 58	1 22
tu	28	*afterwards*	2 10	25	14 18	4 44	8 49	1 40	2 4
we	29	*pleaſant*	2 7	26	14 36	4 42	9 31	2 22	2 46
th	30	*and warm.*	2 3	27	14 55	4 40	10 14	3 4	3 29

	D.	H.	M.	
New Moon	Friday	3	5	5mor.
Firſt quar.	Friday	10	12	5nig
Full Moon	Friday	17	4	0aft.
Laſt quar.	Friday	24	4	22aft.

Subtract the time of day break from twelve hours for the end of evening twilight.

MAY hath XXXI. Days. 1772

M Days	W Days	Holy Days and State of the Weather.	Day break h. m	D's Age	Sun's declination. h. m.	Sun's rising h. m	D's southing h. m	H. Wat. Cuf. House Cork Morn h. m	H. Wat. Cuf. House Cork After h. m
fri	1	Philip & Jame	2 0	28	15 N.	13 4 39	10 56	3 47	4 11
sat	2		1 56	D	15 31	4 37	11 43	4 34	4 58
D	3	2 Sun. p. Easter	1 53	1	15 49	4 35	A 31	5 22	5 47
mo	4	Term begins	1 49	2	16 6	4 33	1 20	6 11	6 36
tu	5	*high winds,*	1 45	2	16 23	4 32	2 10	7 1	7 25
we	6	Term sits *for a*	1 41	4	16 40	4 30	3 2	7 53	8 17
th	7	*few days*	1 37	5	16 57	4 28	3 54	8 45	9 9
fri	8		1 32	6	17 12	4 27	4 48	9 39	10 3
sat	9		1 28	7	17 29	4 25	5 40	10 31	10 55
D	10	3 Sun. p. Easter	1 24	8	17 45	4 23	6 32	11 22	11 47
mo	11	*very pleasant*	1 19	9	18 0	4 22	7 25	——	0 10
tu	12		1 14	10	18 15	4 20	8 18	0 40	1 4
we	13	*and warm*	1 9	11	18 30	4 19	9 11	1 33	1 57
th	14		1 3	12	18 45	4 17	10 6	2 26	2 50
fri	15	*for many days*	0 58	13	18 59	4 16	11 3	3 21	2 45
sat	16		0 52	⊙	19 13	4 14	M.	4 18	4 42
D	17	4 Sun. p. Easter	0 47	15	19 26	4 13	0 2	5 17	5 41
mo	18		0 33	16	19 40	4 12	0 58	6 13	6 37
tu	19	*warm for*	0 22	17	19 52	4 10	1 55	7 10	7 34
we	20	*many days*	0 0	18	20 5	4 9	2 51	8 6	8 30
th	21		No Night but all Twilight.	19	20 17	4 8	3 43	8 58	9 22
fri	22	*very good*		20	20 29	4 6	4 33	9 48	10 12
sat	23	*weather*		21	20 41	4 5	5 20	10 35	10 59
D	24	Rogation Sun.		22	20 52	4 4	6 4	11 19	11 40
mo	25			23	21 3	4 3	6 46	——	0 1
tu	26			24	21 13	4 1	7 29	9 29	0 44
we	27	*to the*		25	21 23	4 0	8 11	1 2	1 26
th	28	Ascension day.		26	21 33	3 59	8 53	1 44	2 8
fri	29	K. Ch. II. Rest.		27	21 42	3 58	9 37	2 28	2 52
sat	30	*end*		28	21 52	3 57	10 21	3 15	3 39
D	31			29	22 0	3 56	11 13	4 4	4 28

	D.	H	M.	
New Moon Satur.	2	9	11	aft.
First Quar. Sun.	10	8	20	mo
Full Moon Satur.	16	12	21	nig.
Last Quar. Sun.	24	10	5	mo.

The longest day in Cork this year is 16 hours, 28 minutes. from which subtract 12 hou the longest day under the Eqinoctial and the remainder reduced to half hours, brings the Climate of Cork.

M. Days	W. Days	Holy Days and State of the Weather.	Day break h. m.	☽'s Age d	Sun's declination h. m.	Sun's rising h. m.	☽'s fourthing h. m.	Hi. Wat. Cuſ. House Cork. Morn. h. m.	After. h. m.
mo	1	Term ends,	No Night but all Twilight	☽	22 N. 8	3 59	A. 3	4 54	5 18
tu	2	*warm and*		1	22 16	3 54	0 55	5 44	6 10
we	3			2	22 23	3 53	1 49	6 38	7 4
th	4	G. 3 b. W. mo.		3	22 30	3 52	2 43	7 32	7 58
fri	5	*pleaſant*		4	22 37	3 51	3 36	8 25	8 51
ſat	6			5	22 43	3 50	4 28	9 17	9 43
D	7	Whit-ſunday.		6	22 49	3 49	5 20	10 10	10 35
mo	8	Whit-monday.		7	22 55	3 49	6 11	11 1	11 26
tu	9	Whit-Tueſday.		8	23 0	3 48	7 2	11 54	——
we	10	*high winds*		9	23 5	3 48	7 55	0 17	0 43
th	11	Barnaby.		10	23 9	3 47	8 49	1 10	1 36
fri	12	*high winds*		11	23 13	3 47	9 44	2 4	2 31
ſat	13			12	23 16	3 47	10 41	2 59	3 26
D	14	Trinity Sund.		13	23 19	3 46	11 37	3 56	4 24
mo	15	Term begins.		○	23 22	3 46	M.	4 52	5 20
tu	16	Dettingen.		15	23 24	3 46	9 33	5 48	6 15
we	17	*ſomewhat plae-*		16	23 26	3 46	1 27	6 42	7 9
th	18	Cor. Chri. [*ſant*		17	23 27	3 46	2 18	7 33	7 58
fri	19	Term ſits.		18	23 28	3 46	3 7	8 22	8 46
ſat	20	Long day.		19	23 29	3 46	3 53	9 8	9 31
D	21	1 Sun. p. Trin.		20	23 29	3 46	4 36	9 51	10 12
mo	22			21	23 29	3 46	5 19	10 34	10 55
tu	23			22	23 28	3 46	6 1	11 16	11 37
we	24	St. John Bapt.		23	22 27	3 47	6 43	11 58	——
th	25	*warm weather.*		24	23 26	3 47	7 27	0 19	0 42
fri	26			25	23 24	3 47	8 12	1 5	1 27
ſat	27	*to the end.*		26	23 21	3 48	8 59	1 51	2 14
D	28	2 Sun. p. Trin.		27	23 19	3 47	9 48	2 39	3 3
mo	29	Peter and Paul.		28	23 15	3 48	10 41	3 30	3 56
tu	30			☽	23 11	3 48	11 35	4 23	4 50

	D.	H.	M.	
New Moon	Mo. 1	11	23	mo.
Firſt Quar.	Mo. 8	1	15	eve.
Full Moon	Mo. 15	9	38	mo.
Laſt Quar.	Tueſ. 23	3	20	mo.
New Moon	Tueſ. 30	10	17	aft.

Good Watches, Clocks and Dials agree in Cork this year, 15th of April, 17th of June 31 of Auguſt and 23 of December.

W. Days	M. Days	Holy Days and State of the Weather.	Day break h. m.	D's Age d.	Sun's declination. h. m.	Sun's rising h. m.	☾'s southing h.	Hi. Wat. Cuſ. House Cork Morn. h. m.	After. h. m.
we	1	B. Boyne, 1690	No Night but Twilight.	1	23 N. 8	3 43	A. 30	5 19	5 45
th	2	Viſit. V. Mary.		2	23 4	3 49	1 24	6 12	6 39
fri	3			3	22 59	3 50	2 18	7 6	7 33
ſat	4			4	22 54	3 51	3 11	8 0	8 26
D	5	3 Sun. p. Trin.		5	22 48	3 52	4 3	8 52	9 18
mo	6	*warm weather*		6	22 42	3 53	4 54	9 44	10 9
tu	7	Tho. a Becket		7	22 36	3 54	5 46	10 35	11 1
we	8	Term ends		8	22 29	3 55	6 39	11 27	11 54
th	9	*for many days.*		9	22 22	3 56	7 32	——	0 20
fri	10			10	22 14	3 57	8 27	0 47	1 14
ſat	11			11	22 7	3 58	9 23	1 42	2 9
D	12	4 Sun. p. Trin		12	21 58	3 59	10 18	2 36	3 6
mo	13			13	21 50	4 1	11 12	3 33	4 0
tu	14	*ſprinkling ſhow-*		☉	21 41	4 2	M.	4 27	4 54
we	15	Swithin [*ers*		15	21 31	4 3	0 4	5 19	5 45
th	16	*for a few days,*		16	21 22	4 4	0 54	6 9	6 34
fri	17			17	21 11	4 5	1 41	6 56	7 19
ſat	18			18	21 1	4 6	2 26	7 41	8 3
D	19	5 Sun. p. Trin.		19	20 50	4 7	3 10	8 25	8 47
mo	20			20	20 37	4 8	3 52	9 7	9 28
tu	21	*rain or winds*		21	20 27	4 9	4 35	9 50	10 11
we	22	Magdalen.		22	20 15	4 10	5 18	10 33	10 54
th	23		☉ 24	23	20 0	4 11	6 2	11 17	11 39
fri	24		0 32	24	19 51	4 12	6 48	——	0 3
ſat	25	St. James [6 S.	0 41	25	19 38	4 13	7 36	0 27	0 51
D	26	p. T. S. Anne.	0 50	26	19 25	4 14	8 27	1 17	1 42
mo	27	*warm and plea-*	0 55	27	19 12	4 15	9 20	2 9	2 35
tu	28	*ſant*	1 1	28	18 57	4 16	10 14	3 2	3 29
we	29		1 6	29	18 41	4 17	11 10	3 57	4 25
th	30	Dog days begin	1 11	D	18 24	4 19	A. 5	4 53	5 20
fri	31		1 17	1	18 7	4 20	1 0	5 48	6 [illegible]

	D.	H.	M.	
First Quar. Tueſ.	7	8	7	eve.
Full Moon Tueſ.	14	8	29	eve.
Laſt Quar. Wed.	22	6	29	eve.
New Moon Th.	30	7	45	mo

24 of July and 2d of November.

We have the greateſt difference in Cork this year, between good Watches, Clocks and Dials the 10th of February, 13th of May,

AUGUST hath XXXI Days, 1772.

M. Days	W. Days	Holy Days and State of the Weather.	Day break h. m.	Asp. ☌	Sun's declination h. m.	Sun's rising h. m.	☌'s southing h. m.	Hi. Wat. Cuſ House Cork. Morn h. m.	After h. m.
far	1	Lammas.	1 22	2	17 N 59	4 27	1 A 54	6 42	7 9
D	2	7 Sun. p. Trin.	1 26	3	17 44	4 29	2 48	7 36	8 3
mo	3	*good agreeable*	1 31	4	17 28	4 31	3 41	8 36	8 56
tu	4	Dominick.	1 35	5	17 12	4 33	4 35	9 2	9 50
we	5	*weather*	1 39	6	16 55	4 34	5 29	10 17	10 44
th	6	Transfig. ☽ C	1 43	7	16 39	4 36	6 23	11 11	11 38
fri	7		1 47	8	16 22	4 38	7 18	11 58	
sat	8	*variable*	1 51	9	16 5	4 40	8 13	0 33	1 0
D	9	8 Sun. p. Trin	1 55	10	15 48	4 42	9 7	1 28	1 55
mo	10	St. Laurence.	1 59	11	15 30	4 43	9 59	2 22	2 49
tu	11	*weather*	2 2	12	15 12	4 45	10 49	3 14	3 40
we	12	Pr. Wales born.	2 5	1	14 55	4 47	11 37	4 4	4 29
th	13	*for a white.*	2 9	☉	14 36	4 49	M.	4 52	5 16
fri	14		2 12	15	14 18	4 51	0 23	5 38	6 1
sat	15	Aſſump. V M	2 16	16	13 59	4 53	1 7	6 22	6 44
D	16	9 Sun p. Trin	2 19		13 40	4 55	1 51	7 6	7 28
mo	17	*good harveſt*	2 22	18	13 21	4 57	2 33	7 48	8 9
tu	18		2 25	19	13 1	4 59	3 16	8 31	8 52
we	19	*weather*	2 29	20	12 42	5 1	4 0	9 15	9 37
th	20	Bernard	2 32	21	12 22	5 3	4 45	10 0	10 22
fri	21	*many days.*	2 35	22	12 2	5 5	5 31	10 46	11 9
sat	22		2 38	23	11 42	5 7	6 20	11 35	11 51
D	23	10 Sun. p. Tri.	2 41	24	11 21	5 9	7 11		0 26
mo	24		2 44	25	11 1	5 10	8 4	0 53	1 19
tu	25		2 47	26	10 41	5 12	8 59	1 47	2 14
we	26	*good weather*	2 50	7	0 19	5 14	9 54	2 42	3 9
th	27		2 53	8	9 58	5 16	10 50	3 37	4 5
fri	28	Auguſtine.	2 56	☽	9 37	5 18	11 46	4 33	5 1
sat	29	B p. Deco	2 58	1	9 16	5 20	A 41	5 29	5 56
D	30	11 Sun. p. Tri	3 1		8 54	5 22	1 37	6 24	6 52
m	31		3 5	3	8 32	5 23	2 32	7 20	7 47

	D.	H.	M.	
First Quar.	Thurſ.	6	1	50 mo.
Full Moon	Thurſ.	13	9	13 mo.
Laſt quar.	Friday	21	1	12 eve.
New Moon	Friday	28	4	33 eve.

Venus is our evening Star, until the 12th of Auguſt and then our morning Star, until the years end.

SEPTEMBER hath XXX Days, 1772.

W. Days	M. Days	Holy Days and State of the Weather.	Day break h. m	D's Age l.	Sun's declination h. m.		Sun's rising h. m.	D's southing h. m.	Hi. Wa. Cuſt. House Cork. Morn h. m	After h. m
tu	1	St. Giles.	1 22	4	8 N	10	5 27	3 A 28	8 15	8 48
we	2	Lo. burnt 1666	1 26	5	7	48	5 29	4 24	9 11	9 39
th	3		1 31	6	7	26	5 30	5 29	10 7	10 35
fri	4	*very good*	1 35	7	7	4	5 32	6 16	11 3	11 31
sat	5	*weather*	1 39	8	6	42	5 35	7 19	11 59	——
D	6	12 Sun. p. Tri.	1 43	9	6	20	5 36	8 3	0 25	0 51
mo	7	Dog Days end	1 47	10	5	57	5 38	8 53	1 18	1 44
tu	8	Nat. V. Mary	1 51	11	5	34	5 41	9 41	2 8	2 33
we	9	*for ſundry days.*	1 55	12	5	12	5 43	10 28	2 56	3 20
th	10		1 58	13	4	49	5 45	11 12	3 43	4 6
fri	11		2 2	14	4	26	5 47	11 56	4 27	4 49
sat	12		2 5	15	4	3	5 49	M.	5 11	5 33
D	13	13 Sun. p. Tri.	2 9	16	3	40	5 51	0 39	5 54	6 15
mo	14	Holy Rood.	2 12	17	3	17	5 53	1 22	6 37	6 59
tu	15		2 16	18	2	53	5 55	2 5	7 20	7 42
we	16		2 19	19	2	30	5 57	2 50	8 5	8 28
th	17	*agreeable good*	2 22	20	2	7	5 59	3 35	8 50	9 1
fri	18	*weather*	2 25	21	1	41	6 1	4 23	9 38	10 [illegible]
sat	19		2 29	22	1	20	6 3	5 12	10 27	10 51
D	20	14 Sun. p. Tri	2 32	23	0	57	6 5	6 3	11 16	[illegible] 43
mo	21	St. Mathew.	2 35	24	0	34	6 7	6 55	——	0 10
tu	22	K. GIII. coro.	2 38	25	0	10	6 9	7 49	0 37	1 4
we	23	*cold*	2 41	26	0 S	14	6 11	8 43	1 31	1 58
th	24	*rain*	2 44	27	0	37	6 13	9 38	2 26	2 53
fri	25		2 47	28	1	1	6 15	10 33	3 21	3 48
sat	26	Cyprian.	2 50	D	1	24	6 17	11 29	4 16	4 44
D	27	15 Sun. p. Tri.	2 53	1	1	48	6 19	A. 25	5 1[illegible]	5 40
mo	28		2 56	2	2	11	6 21	1 23	6 [illegible]	6 38
tu	29	St. Michael.	2 58	3	2	34	6 23	2 21	7 [illegible]	7 36
we	30	St. Jerome.	3 1	4	2	58	6 25	3 19	8 [illegible]	8 34

First quar. Friday 4 10 46 m.
Full Moon Friday 11 12 29 nig.
Laſt quar. Satur. 19 11 4 aft.
New Moon Satur. 26 8 24 eve.

Canis Major and Canis Minor two conſtellations much of the ſame nature with the Sun, one in the North and the other in the Southern Hemiſphere which riſe with the Sun from about the 30th of July till the 7th of Sept. which time is commonly very hot and ſultry, and there ors called Canicular or Dog day's.

W. Days	M. Days	Holy Days and State of the Weather.	Day break	Sun's declination	Sun's rising	D.'s setting	H. W. at Cu. House Cork. Morn.	H. W. at Cu. House Cork. After.
			h. m.	h. m.	h. m.	h. m.	h. m.	h. m.
h	1		↓ 20	5 S 21	6 27	4 17	9 4	9 32
ri	2	*high winds*	↓ 22	6 3 44	6 29	5 13	10 0	10 28
at	3		↓ 24	7 4 8	6 30	6 7	10 55	11 22
D	4	16 Sun. p. Tri.	↓ 26	8 4 31	6 32	6 59	11 49	——
no	5	*and*	↓ 28	9 4 54	6 34	7 48	0 14	0 38
u	6	*perhaps rain.*	↓ 30	10 5 17	6 36	8 35	1 3	1 27
we	7		↓ 32	11 5 40	6 38	9 20	1 50	2 13
h	8		↓ 34	12 6 3	6 40	10 2	2 35	2 57
ri	9		↓ 36	13 6 29	6 42	10 46	3 17	3 39
at	10	*moderate*	↓ 38	14 6 49	6 44	11 28	4 1	4 23
D	11	17 Sun. p. Tri.	↓ 40	☉ 7 12	6 46	M.	4 43	5 4
no	12	*for a while*	↓ 42	16 7 34	6 48	0 12	5 27	5 49
u	13		↓ 44	17 7 57	6 50	0 56	6 11	6 33
we	14	*rain and*	↓ 46	18 8 19	6 52	1 41	6 56	7 19
h	15	*winds*	↓ 48	19 8 42	6 54	2 28	7 43	8 6
ri	16		↓ 49	20 9 4	6 56	3 16	8 31	8 55
at	17		↓ 51	21 9 26	6 58	4 6	9 21	9 41
D	18	18 S. p T. Luk	↓ 53	22 9 48	6 59	4 56	10 11	10 37
no	19	*for some*	↓ 55	23 10 10	7 1	5 48	11 3	11 29
tu	20	*days*	↓ 57	24 10 31	7 3	6 40	11 55	——
we	21		↓ 59	25 10 [illegible]	7 5	7 32	0 21	0 47
th	22	*cold*	↑ 1	26 11 [illegible]	7 7	8 25	1 14	1 40
fri	23	Irish rebellion	↑ 3	27 11 33	7 9	9 18	2 7	2 33
sat	24	*weather*	↑ 4	28 11 53	7 11	10 13	3 1	3 28
D	25	19 S. p T. K G.	↑ 6	29 12 17	7 12	11 9	3 56	4 24
no	26	[Ill. accef.	↑ 8	☽ 2 38	7 14	A. 7	4 53	5 22
tu	27	*to the*	↑ 9	1 12 58	7 16	1 6	5 53	6 21
we	28	Simon & Jude	↑ 11	2 13 18	7 18	2 7	6 52	7 22
h	29	*end.*	↑ 13	3 13 37	7 20	3 5	7 51	8 20
ri	30		↑ 14	4 13 56	7 21	4 2	8 49	9 17
sat	31		↑ 16	5 14 17	7 23	4 56	9 44	10 11

First Quar.	Satur.	3	4 34	eve.
Full Moon	Sun.	11	5 35	eve.
Last Quar.	Mon.	19	4 46	eve.
New Moon	Mon.	26	9 52	mo.

The Antipodes of Cork live in the unknown Southern parts of the Globe in 51°, 49' South Latitude and 189° West of London, those people walk with their feet againſt ours. When it is midnight with them it is noon day with us, the length of the day with them, is equal to that of our night.

NOVEMBER hath XXX Days, 1772.

W. Days	M. Dyas	Holy Days and State of the Weather.	Day break h. m.	Day's Age d.	Sun's declination h. m.	Sun's rising h. m.	D's southing h. m.	Ri. Wa. Cuſt. House Cork. Morn h. m.	After h. m.
L	1	All Saints.	5 18	6	14 S 37	7 25	5 A 47	10 38	11 2
mo	2	All Souls T. b	5 19	7	14 56	7 27	6 35	11 26	11 50
tu	3		5 21	8	15 15	7 28	7 21	——	0 15
we	4	K. W. born	5 22	9	15 33	7 30	8 5	0 36	0 58
h	5	Gunpowd. Plot	5 24	10	15 51	7 32	8 47	1 20	1 42
ri	6	Term ſits	5 25	11	16 16	7 33	9 30	2 2	2 23
at	7	*rain and*	5 27	12	16 29	7 35	10 12	2 45	3 7
D	8	21 Sun. p. Tri.	5 28	13	16 45	7 37	10 55	3 27	3 48
mo	9	*perhaps*	5 30	14	17 2	7 38	11 40	4 10	4 32
u	10	*floods*	5 31	⊙	17 18	7 40	M	4 55	5 18
we	11	St. Martin	5 32	16	17 36	7 41	0 26	5 41	6 3
h	12	*cold*	5 34	17	17 52	7 43	1 15	6 30	6 52
ri	13	*rain*	5 35	18	18 11	7 44	2 4	7 19	7 43
at	14	*or*	5 36	19	18 24	7 46	2 53	8 8	8 32
D	15	22 Sun. p. Tri.	5 38	20	18 39	7 47	3 44	8 59	9 24
mo	16	*perhaps*	5 39	21	18 54	7 48	4 35	9 50	10 15
tu	17	*ſnow*	5 40	22	19 9	7 50	5 25	10 40	11 5
we	18		5 42	23	19 23	7 51	6 16	11 31	11 56
h	19	*cold*	5 42	24	19 37	7 52	7 7	——	0 22
ri	20		5 44	25	19 51	7 54	7 58	0 48	1 13
at	21	*rain*	5 45	26	20 4	7 55	8 51	1 40	2 6
D	22	Sun. before Ad	5 46	27	20 17	7 56	9 46	2 34	3 1
mo	23	*or*	5 47	28	20 30	7 57	10 43	3 30	3 58
tu	24	*ſnow*	5 48	D	20 42	7 59	11 42	4 28	4 57
we	25	*to the*	5 49	1	20 54	8 0	A 42	5 27	5 57
th	26	*end*	5 50	2	21 5	8 1	1 41	6 27	6 56
fri	27		5 51	3	21 16	8 2	2 38	7 25	7 53
ſat	28	Term ends	5 51	4	21 26	8 3	3 32	8 20	8 47
D	29	Advent Sun.	5 52	5	21 37	8 4	4 23	9 13	9 38
mo	30	St. Andrew	5 53	6	21 46	8 5	5 10	10 3	10 25

Laſt Quar. Mon.	2	7	9 mo.
Full Moon Tueſ.	10	11	47 mo.
Laſt Quar. Tueſ.	18	4	23 eve.
New Moon Tu.	24	7	50 eve.

The Antæci of Cork live in the unknown Southern parts of the Indian Ocean, in 51° 49' South Latitude, and 9°, 30' Weſt of London, the longeſt day with us is the ſhorteſt with them, the length of their day is equal to that of our night, and our Seaſons different.

DECEMBER hath XXXI Days, 1772.

W. Days	M. Days	Holy Days and State of the Weather.	Day break h. m.	d.	Sun's declination h. m.	Sun's rising h. m.	☾'s southing h. m.	Hi Wa. Cuſ. Houſe Cork. Morn. h. m.	After. h. m.
tu	1	*cold*	5 54	7	21 S 56	8 6	5 A 55	10 49	11 10
we	2	*pinching*	5 55	8	22 5	8 7	6 38	11 31	11 53
th	3	*weather*	5 55	9	22 13	8 7	7 20	———	0 15
fri	4		5 56	10	22 21	8 8	8 2	0 35	0 50
sat	5	*for*	5 57	11	22 29	8 9	8 45	1 17	1 38
D	6	2 S Ad. St. Ni.	5 57	12	22 36	8 10	9 29	2 0	2 22
mo	7	*ſome*	5 58	13	22 43	8 10	10 14	2 44	3 6
tu	8	Concep. V. M.	5 58	14	22 49	8 11	11 1	3 29	3 52
we	9	*days cold*	5 59	15	22 55	8 11	11 50	4 16	4 39
th	10		5 59	16	23 0	8 12	M	5 5	5 30
fri	11	*rain or*	6 00	17	23 5	8 12	0 40	5 55	6 20
sat	12		6 0	18	23 10	8 13	1 3	6 46	7 12
D	13	3 Sun. in Adv.	6 0	19	23 14	8 13	2 22	7 37	8 2
mo	14	*ſnow*	6 1	20	23 17	8 13	3 13	8 28	8 53
tu	15	*for*	6 1	21	23 20	8 14	4 3	9 18	9 43
we	16	*ſome days*	6 1	22	23 23	8 14	4 53	10 8	10 33
th	17		6 1	23	23 25	8 14	5 43	10 58	11 23
fri	18		6 1	24	23 27	8 14	6 34	11 49	———
sat	19		6 2	25	23 28	8 14	7 26	0 15	0 41
D	20	4 Sun. in Adv	6 2	26	23 29	8 14	8 19	1 8	1 34
mo	21	St. Thomas	6 2	27	23 29	8 14	9 15	2 2	2 30
tu	22	*a little*	6 2	28	23 29	8 14	10 13	2 59	3 28
we	23	*turbulent*	6 1	29	23 28	8 14	11 11	3 57	4 26
th	24	*to the*	6 1	30	23 27	8 14	A 9	4 55	5 24
fri	25	Chriſtmas	6 1	☾	23 25	8 13	1 8	5 52	6 20
sat	26	St. Stephen	6 1	1	23 23	8 13	1 58	6 47	7 13
D	27	St. John	6 1	2	23 21	8 13	2 48	7 38	8 3
mo	28	Innocents	6 1	3	23 18	8 12	3 35	8 22	8 50
tu	29	*end*	6 0	4	23 14	8 12	4 20	9 13	9 35
we	30		6 0	5	23 10	8 12	5 3	9 56	10 18
th	31	St. Sylveſter	6 0	6	23 6	8 11	5 45	10 31	11 0

First quar. Mon. 2 1 45 mo.
Full Moon Tueſ. 10 5 26 mo.
Laſt quar. Tueſ 17 1 26 eve.
New Moon Tueſ. 24 7 46 mo

The Perſæci of Corke live in the unknown parts of the pacific Ocean in 51° 42' N. Lat. and 189°, W. of London, the length of their days, and their ſeaſons are the ſame with ours, being the ſame diſtance from the Equator, but our midnight is their noon.

Aſtrological OBSERVATIONS, for 1772.

THE Winter Quarter in reſpect to apparent time, commenced at Cork, December 21ſt, at 3 minutes paſt 9 in the afternoon, 1771 being the ſhorteſt day and longeſt night in all the Northern parts of the world, at which time the Sun enters the firſt point of Capricorn; in January we have a conjunction of Mercury, with Venus and Jupiter, which moſtly affects military affairs, and (as my author ſays) denotes that there ſhall be ſundry meetings and conſultations, to regulate the affairs of nations, which perhaps may not have the intended ſucceſs.

February has but few aſpects, there will be an oppoſition of Sol and Saturn, together with a conjunction of Mercury and Mars: theſe aſpects ſhew ſome evil effects on the female ſex, it certainly denotes to them evils of ſundry kinds, ſuch as grief, ſorrow, deſolation, &c. and in all probability the death of ſome great perſon of that ſex.

In March, we have a conjunction of Mars and Mercury, Mercury and Jupiter, with ſome others, as alſo the oppoſition of Saturn with Mercury and Mars, theſe aſpects are of a benevolent nature, yet Mercury has ſome hidden ſecret, which ſeems to be very dangerous, but is likely at laſt to be diſcovered. The Spaniſh and French nations ſeem to be in a ſtrong alliance with each other, and I fear with a particular intent, immediately to beſiege ſome of our ſettlements in the Weſt Indies. On the 20th of this month, Sol enters Aries at 28 minutes paſt midnight, at which inſtant of time the Spring Quarter commences in the Meridian of Cork, making equal day and night all over the Globe.

In April, we have the ſquare of Saturn with Sol, Mercury and Venus, together with the oppoſition of Saturn and Jupiter, which denotes ſome plots or diſturbances hovering in thoſe countries under their influence, at this time very well known to the French Court and her Allies.

In May, we have the ſquare of Saturn and Sol, with the oppoſition of Saturn and Jupiter, theſe ſeem to be favourable and may in ſome meaſure much decreaſe the bad influence of other aſpects in this month.

June approaches with the Sextiles of Sol and Saturn, Mercury and Venus, together with the ſquares Mercury and Saturn, Venus and Mars, theſe aſpects denote ſtrifes and contentions amongſt perſons of ſuperior rank, and are forerunner of ſundry kinds of evils, which will certainly have their effects on perſons

of

of the higheſt rank. On the 20th of this month, at 57 minutes paſt ten at night, the Summer Quarter begins in the Meridian of Cork, at which inſtant of time Sol ſeemingly enters the firſt point of Cancer, which makes the longeſt day, and the ſhorteſt night in all the Northern parts of the Globe.

July introduces much oppoſition and contention between our neighbouring kingdoms, which appears by the conjunction of Sol and Mercury, together with the oppoſition of Saturn and Jupiter, but ſtill there are ſome friendly aſpects, from which we may infer that this month in general may be accompanied with peace and harmony to the inhabitants of theſe nations, Merchants &c. may expect ſucceſs in their returns from abroad.

Auguſt commences with a conjunction of Sol and Venus, of Sol and Jupiter, together with the ſquare of Mercury and Mars, theſe are certainly ſure ſigns of ſome conteſts between the ſword and gown, concerning religion and property, and will much incommode thoſe places which are under theſe influences.

In September our aſpects are few but friendly, they denote that the general affairs of this month will be very good and proſperous, ſundry amicable embaſſies from neighbouring Courts to that of Great Britain. The Sun ſeemingly enters the firſt point of Libra the 22d of this month, at one o'clock in the evening, at which inſtant of time the Harveſt Quarter commences in the Meridian of Cork, which makes equal day and night all over the world.

October gives us the trine of Sol and Jupiter, of Mercury and Jupiter, as alſo a conjunction of Venus and Saturn, theſe laſt indicate no great good to many places, ſickneſs very common, many carried off by diſorders and death, theſe places under their influences will feel their effects.

In November we have a conjunction of Sol and Mercury, with ſome others which denote ſome military preparations on foot to the Northward of us, for which reaſon Great Britain ought to guard againſt thoſe places, under the influences of Cancer and Capricorn.

December mounts the ſtage with the trines of Mercury and Venus, Mercury and Jupiter which gives us ſome reaſon to ſuſpect the treachery of ſome foes on the continent, and that our ſtateſmen in ſome certain nations will have abundance of perplexity

New

A TABLE containing the Hours and Minutes that are to be added to the Moon's Southing, for finding the Time of Full Sea or High Water at the undermentioned Places.

	H.	M.
BEachy, Dunkirk, Dover port, Emden, Erder, Flanders coaſt, Gibraltar road, Gravelin, Heſer, Horn, Jutland iſles, Kentiſh Knock, Portſmouth, Queenborough, Shoe, Sheerneſs, Sleeve, Southampton	0	0
Aberdeen, Flushing, Guernſey, Maze within, Malden, Nore weſt end, Rebben, Rocheſter, Tarveer within, Winchelſea,	0	45
Alduny, Blackneſs, Belleiſle, Berwick, Calais without, Campveer, Corpus Chriſti Point, Downs, Finmark coaſt, Gore, Graveſend, Holy iſland, Rumney, Ramkins, Thanet, Tarveer without, Zealand coaſt,	1	30
St. Andrew's, Berwick without, Dundee, Dunby, Downs in the road, Fountny without, Liſbon, St. Lucar, St. Mark,	2	15
Amſterdam, Armontie, Bretagne ſouth coaſt, Bourdeaux river, Coquet, Biſcay coaſt, Dort, Galicia, Gaſcoine, Groyne, Ireland weſt coaſt, Killiar, London, Orkneys, Poictu ſouth coaſt, Rotterdam,	3	0
Breſt, Baſs without, Bridlington, Bourdeaux river within, Brivage without, Huntcliff-foot, St. Matthew's point, Rovin, Rochelle without, Roan river within, Scilly, Scarborough Sound, Staples, Severn,	3	45
Baltimore, Bloy, Cork harbour, Cape Clear, Dunbar, Dungarvan, Edinburgh, Egmon, Frith, Falmouth, Humber without, Kinſale, Leigh, Lawreneſe, Mount's Bay, Severn, Seven iſles, Waterford, Youghall.	4	30
Arbroth, Caldy, City Cork, Dartmouth, Form, Foy, Ireland ſouth coaſt, Lyn without, Lundey, Milford, Moonleſs, St. Maloes, Newcaſtle, Ramſey,	5	15
Antwerp, Archangel, Abermorith, Bremen, Blackney, Briſtol, Cromer, Channel before Bourdeaux, St. David's head, Londonderry, Plymouth, St. Powlis, Salcomb, Ushant without, Weymouth, Wells,	6	0
Briſtol quay, Foulneſs, Lanion, St. Nicholas in Ruſſia, Podeſneſky in Ruſſia, Start, Sedmouth, Weymouth quay,	6	45
Bridgwater, Exwater, Eines entrance, Frieſland coaſt, the Fly, Kildwyn, Lands end, Lizard, Texel, Milford-haven, Florida,	7	30

Caſkits

Caſkets without, Hague, Lambay, Magnes ſound, Magnes caſtle, Portland, Peterport, Yarmouth road, Wexford, St. Helens, 8 15

Harſem, Havre de Grace, Iſle of Man, Oſwell, Selberg, Seven cliffs, Winterton, Yarmouth pier, Caithneſs, Portland race, 9 0

Alborough, Chamberneſs, Dunnoſe, Dieppe, Dunwich, Dungeneſs, Foreland North and South, Leottoffe, Leynow, Needles, Orfordneſs, Shoreham, Torgen, Yarmouth town, 9 45

Arklow, Boulogne, Cowes in the Foſs, Caen road, Cheſter, Dover, Dublin bar, Drogheda, Dundalk, Harwich, Whitehaven, Holyhead, Normandy coaſt, Picardy coaſt, Seyne head, Senegal, 10 30

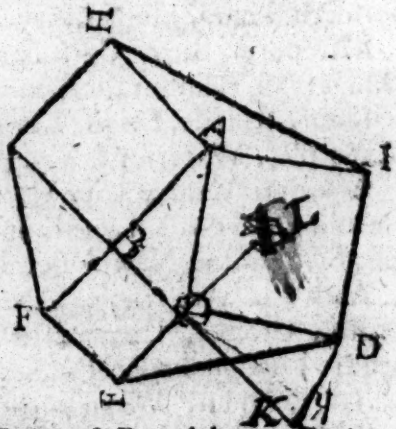
Calſhot, Carlingford, Carrickfergus, Gore-end, Goree, Frith, Margate road, Nore, Rye, Rhodes, North foreland Strangford, 11 15

N. B. Land floods, ſpring tides, or contrary winds may cauſe the tides to vary ſooner or later about the ſpace of 48 minutes, always add 12 hours 24 minutes for the intervening tide.

New MATHEMATICAL QUESTIONS, &c. to be anſwered in my next.

Queſt. I. By Maſter Joſeph Reeves of Cork.

IN the annexed ſcheme it is required to prove that the triangles A H I, D E C, G B F, are each equal to the inward right angled triangle A B C.



Queſt. II. By Mr. William Kelly of Broad-lane, Cork.

THREE young ſparks came to a ſteeple (whoſe height was 150 feet) to ſhoot pigeons which were at the top, they all fixed themſelves equally diſtant from the bottom of the ſteeple, the diſtance from the firſt ſpark to the ſecond was 50 feet, from the

the ſecond to the third 66 feet, and from the third to the firſt 104 feet. Required the diſtance they muſt fire ſo as to hit their mark.

Queſt. III. By Mr. John Fitzgerald, Teacher of the Mathematics, and Maſter of the Blue-coat Hoſpital, Cork.

A GENTLEMAN whoſe name was Richard Bready,
Made his addreſſes to an antient Lady,
Who had two daughters beautiful and fair,
Of noble birth and fortune for to ſhare;
He plainly told her his external view
Was to be join'd to either of the two:
On which the Lady, with a chearful voice,
Said find their ages, and you have your choice;
But to aſſiſt you in your contemplation,
Behold and view the following equation.

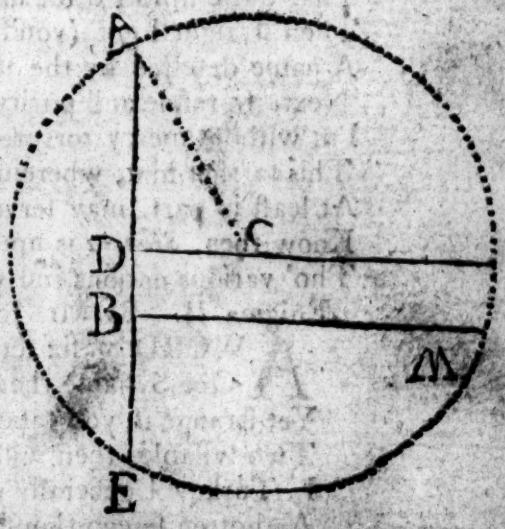
$$\frac{213842}{x^4} - \frac{10884540241}{x^8} = x^0$$

Queſt. IV. By MEDICUS.

WHAT is the ratio of the breadth to the depth of joiſts, the ſtrongeſt poſſible to ſupport a ſuperincumbent weight, the quantity and ſolidity of the joiſts being the ſame?

Queſt. V. By Mr. R. Needham, Teacher of the Mathematics, at Bandon.

IF upon D there be raiſed a perpendicular DC = ½ AB, cutting AE into two equal parts, and on the center C with the radius CA be deſcribed a circle, cutting the line BM parallel to DC in M; the point M will fall into the curve of a cubic parabola whoſe parameter = 2 AD = AE, its vertex A, abſciſſa to the given point = AB, and its ordinate = BM. Queſtion, A demonſtration?



Queſt. VI. By Mr. Patrick Haher of Barrack-ſtreet, Cork.

TO find a number, which being added to a certain determined quantity, ſuppoſe n, and unity divided by the ſum, the quotient may be nothing?

Queſt. VII. By Mr. William M'Leane of Fiſhamble-lane, Cork.

TWO ſhips ſail from a certain port, one in the S. W. quarter, and the other in the S. E. quarter, until their diſtance aſunder is 360,5 miles, making an angle with the firſt of 60°, a third ſhip ſails from ſaid port (biſecting the angle the other two make) 296,8 miles. Required each ſhip's courſe, diſtance, and difference of latitude and departure.

Queſt. VIII. By Mr. Ellis Chandlee of Cork.

WHAT were the moſt eſſential obſervations to be made by Mr. Banks and Dr. Solander in their voyage to the South Seas, of the late Tranſit of Venus, and how are ſuch obſervations to be applied in obtaining the Sun's horizontal parallax?

Queſt. IX. By Mr. John Fitzgerald of Cork.

THE area of a circle with three fourths of the diameter, and five eights of the circumference is equal to 692. Required the circumference and diameter ſeverally?

But as a hint to Gentlemen and Ladies,
Follow the rule of antient Archimedes.

Ænigma I. By Mr. James Conolly of Macromp.

LONG in the bowels of the earth I lay,
Quite undiſtinguiſh'd, and remote from day,
Till man (a plague on his inſatiate head)
Firſt found and torc'd me from my native bed,
And plung'd me, ruthleſs, 'mid the fiery flames,
That quite diſſolv'd me into ruddy ſtreams;
Then ſtraight I got (you'll wonder at the news)
A name deteſted by the ſtubborn Jews;
Next, to refine and purify me higher,
I'm without mercy tortured in the fire.
This farther hint, wherein the ſecret lies,
At leaſt in part, may ſerve to ope your eyes,
Know then, *Siberia* is my favourite earth,
Tho' various nations juſtly claim my birth.

Ænigma II. By Mr. John Fitzgerald of Cork.

A WORD of ſix letters diſplay,
One Syllable they muſt contain,
Yet ſtrange if you take two away,
Two ſyllables then will remain;
In Turkey I generally rage,
And often ſweep thouſands away,
By loſing one third I'll engage
I make many ſhake to this day. Rebus

Rebus I. By Mr. John Peard, jun. of Cork.

SHE of the three that did the apple gain,
Whom Paris chose as beauty's Queen should reign;
He for whom Medea did exert her charms,
And gave the golden fleece into his arms;
The gladdest tidings that a convict hears,
Which chears his soul and expels all his fears;
That famous city to which Paris flew,
With Helen fair whom thousands did pursue;
The husband of the constant Penelope,
Who fled her charms to give his valour scope;
That wond'rous time our soul is doom'd t'enjoy,
Exquisite pain or more exquisite joy.
When you find the initials of these you'll discover,
For what you should value your mistress or lover.

Rebus II. By Mr. John Fitzgerald of Cork.

THE cry of a lamb, and the beggars attendants,
Is a vice among men that have little dependance.

Rebus III. By the same.

THE place where the great lamp of Heav'n disappears,
A necklace well known to make robbers shed tears,
Being clipt and connected, will open the case,
And shew you a judicious Justice of Peace.

Rebus IV. By Mr. James Conolly of Macroomp.

FROM a word of four syllables sever the last,
The result, tho' surprising, is plain,
For as sure as the battle of *Actium* is past,
Not one of the four will remain.

MEMORABLE EVENTS.

Before the Birth of Christ.	Years	*Since the Birth of Christ.*	Years
SINCE the creation of the world, according to scripture	5281	LUCIUS the first Christian King	183
According to history	5709	England received the Christian faith	268
Since Noah's flood, by history	4160	St. Patrick taken by pyrates and brought into Ireland	394
Since Ireland, so called by Bartholinus	2964	Constantine the Great published an Edict for keeping the Lord's Day	326
Since Julius Cæsar invaded Britain	1824		

Ireland received Chriſtianity 402

St. Patrick died the 17th of March in the abbey of Saul 472

Mahometiſm commenced 622

The cathedral of Cork founded by St. Finbarr 630

The Danes firſt invaded Ireland 795

The Pſalter of Caſhel compiled by Cormac, King and Biſhop there 908

Bryan Boiroimhe, elected king of Ireland 1027

Battle of Clontarf between the Iriſh and Danes which the Iriſh gained 1039

The Engliſh firſt landed in Ireland 1170

Aſtronomy and Geography brought into Europe by the Moors of Barbary 1201

The Bakers of Dublin drawn on hurdles tied at horſes tails for uſing falſe weights 1310

Magna Charta ſigned by King John and his Barons, June 15, 1216

A marvellous Earthquake over Ireland and England, and all the Weſtern world that held three months 1247

Mariners Compaſs invented by an Italian, and improved by the Engliſh and Portugueſe 1302

The firſt Mayor and Bailiffs in Dublin 1308

Gunpowder invented by a monk at Cologn named Schwaitz 1330

Wheat ſold in Dublin at 6d. per buſhel 1333

Great famine in Ireland, 14,000 people died in Dublin from Auguſt to Chriſtmas 1347

King Rich. II. landed at Waterford, Sept. 20, with 30,000 foot and 40,000 horſe 1394

The Iriſh invaded Wales, and brought from thence the ſhrine of St. Cubius and placed it in Chriſt church, Dublin 1405

Printing firſt invented by Laurence Jans Coſter, of Harlem 1449

The Earl of Deſmond beheaded at Drogheda, attainted of high treaſon 1467

Copernicus the famous Aſtronomer born 1474

Algebra firſt known in Europe 1494

The Mayor of Youghail hanged by the rebels 1579

Computation of the New Style introduced by Pope Gregory XII. 1582

King Henry IV of France ſtabbed by Ravillac 1610

Logarithms invented 1614

Crown of England pawned to the Dutch for 300,000*l.* 1625

Sir Iſaac Newton born.—The caſtle of Limerick ſurrendered to the Iriſh 1642

The ſect called Quakers firſt appear under George Fox 1650

13,200 Houſes burnt in London the 2d September 1665

Dr. Jonathan Swift born in Hoey's-court Dublin Nov. 30, 1667

Limerick capitulates, Oct. 3 1691

Dr.

Dr. Oliver Plunket titular Primate of Ireland executed at Tyburn 1681

Gibraltar taken by Admiral Rooke, July, 24 1704

Minorca taken by the Engliſh 1708

Colonel Henry Lutterel ſhot in Dublin 1717

Sir Iſaac Newton died March 28, 1727

2.010 221 ſouls in Ireland, 55, 769 inhabitants in Cork 1731

Great Froſt in Ireland began December 26th and continued 8 weeks 1739

The Pretender landed in Scotland July 27. Dr. Jonathan Swift died Oct. 25. Rebel lords beheaded, Auguſt 18 and Dec. 28 1745

Peace of Aix la Chapelle October 11 1748

The new ſtyle introduced into England and Ireland 1751

A great earthquake at Liſbon November 1, 1755

Great Britain declared war againſt France, May 18. Minorca taken by the French June 29 1756

Admiral Byng ſhot for cowardice, March 14 1757

Cape Breton and Goree taken 1758

Quebec and Canada ſurrender to the Engliſh 1759

Carickfergus taken by Thurot, Feb. 28 1760

John Wilkes Eſq; arreſted for high treaſon 1762

Definitive Treaty of Peace 1763

Government of the Iſle of Man ceded to the Crown 1765

Mr. John Harriſon of London, received 20,000l. from Parliament for his Time-piece, after 40 years eſſay 1765

Octennial Parliaments obtained, February 1768

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